International application No.								
PC1 03/08980								

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	IFICATION OF SUBJECT MATTER	• .					
Int.	Cl ⁷ F16J15/10		•				
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According to	o International Patent Classification (IPC) or to both nat	ional classification as	nd IPC			
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× Furth	er documents are listed in the continuation	on of Box C.	See patent far	mily annex.			
* Specia	I categories of cited documents:		"T" later document	published after the in	ternational filing date or		
"A" docum	nent defining the general state of the art which	is not	priority date an understand the	d not in conflict with principle or theory un	the application but cited to derlying the invention		

* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	priority date and not in conflict with the application but cited to inderstand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family
Date of the actual completion of the international search 09 October, 2003 (09.10.03)	Date of mailing of the international search report 28 October, 2003 (28.10.03)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.

INTERNATIO L SEARCH REPORT

Interpolation No.

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